Lake Oswego Pipeline (5th Street to Waluga Park)  
“Meet the Contractor” Meeting Summary  
Thursday, October 17, 2013, 7:00 to 8:30 p.m. West End Bldg, Lake Oswego

Attendance:  
Total signed in at the meeting was 19. Approximate attendance was 25. Joel Komarek, Jane Heisler, Katy Fulton, Pat McDougal, Bill Vincent, Mark Foucher, Corianne Hart and Terry Buchholtz were present from the project team.  
Representatives from Emery and Sons included John Riney, Assistant Project Manager; Jim Seely, General Superintendent; Jennifer Carter, Office Manager and Wayne Toney, General Superintendent.

Notice and Handouts:  
A postcard was mailed to over 800 properties along the pipeline route from Waluga Park through to 5th Street, Lake Oswego inviting people to attend the meeting. A meeting notice was also placed on the project website. Signs were posted along Iron Mtn. Blvd. at Iron Mtn. Park and at the entrance to Waluga Park. An article was also placed in the October issue of the Hello LO newsletter. Emails were also sent to Waluga, Lake Grove, North Shore and Evergreen Neighborhood Association representatives. Attendees were provided with an alignment map and the “What to Expect During Construction Brochure. Large maps of the entire alignment were available for viewing on long tables.

Meeting Summary:  
Katy Fulton called the meeting to order and outlined the primary purpose of the meeting, which is that interested citizens could meet project staff and representatives from Emery & Sons Construction and discuss the specifics of the construction project, including schedule, hours of work and anticipated impacts to residents or businesses. Katy presented the agenda and introduced Jane Heisler, Communications Director, who discussed the overall program and introduced members of the project team and contractors. Jane mentioned the importance of signing up for email updates and visiting the project website to get the most up to date information.

John Riney presented a review of the pipeline project in Lake Oswego, including schedule of work, location of activities and staging areas shown on a site map.

Questions asked during the meeting included the following:

**What are the projected dates of street closures and neighborhood construction?**

<table>
<thead>
<tr>
<th>Dates</th>
<th>Construction Area</th>
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<tbody>
<tr>
<td>Dec 2013– Feb 2014</td>
<td>Waluga Park to Quarry Road</td>
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<tr>
<td>Dec 2013 – March 2014</td>
<td>Potholing along pipeline route from Douglas Way east</td>
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<td>Mid-March/Spring 2014</td>
<td>Lanewood St.  Lanewood St. &amp; Douglas Circle, Twin Fir and east</td>
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Summer 2014  Douglas Way and Lake Grove Elementary school
Summer 2014  Second crew starting at 5th Street and working west

What types of equipment and crews should we expect to see? What is a heading?

A heading is the crew and equipment constructing the pipeline. Crews will contain 5-7
workers using small back hoes and back fill machines. There will be trench boxes to protect
workers in the trench while it is open, welders inside/outside the pipe, and trucks delivering
gravel and pipes continuously to the site. Crews will be working to construct about 80-90 feet
of pipeline per day.

How many trucks will be operating to and from the site each day?

About 5-6 trucks will be rotating each day, depending on location of haul and disposal sites.

What is potholing?

Potholing is a utility locating method. Knowing where utilities are located will avoid damage
to other pipes during construction. A small crew will be used during potholing, working off
the side of a road using a small landscape excavator to dig holes to locate pipes. The crew will
then survey the locations of existing utilities. Holes are dug from 50 to 150 feet apart.

When will the Waluga Park parking lot off Quarry Road be closed?

The parking lot will be closed from mid November 2013 – end Feb 2014.

Will there be pedestrian access to the Waluga Park?

Yes. Only the parking lot and construction areas will be restricted during construction.

What are the dimensions of the pipeline and trench? What determines the pipe diameter?

The main pipeline varies between 24 inches to 48 inches wide along the alignment. The pipe’s
dimension is determined by hydraulics as it reaches farther out into the system. A trench,
anywhere from 5 to 7 feet wide will be dug to contain the pipe. The depth of the trench is
dependent on the location of existing utilities.

Will supply lines to individual home meters be replaced?

No. This new pipeline is a central distribution line, and should not impact smaller, individual
connections to properties.

How will impacted streets be restored? Will other road repairs or upgrades be done or just
trench patching?

While the project is active, impacted streets will receive temporary paving and patching (a
trench patch). As sections of the project end, restoration paving will take place. Narrower
streets will be paved from shoulder to shoulder, the entire width of the road. On wider
streets where the pipeline follows just one side of the road will, a full lane of paving will be
done. Paving will also include replacing existing speed bumps.

How will road shoulders and landscaping be managed?

Tree and landscape issues will be managed on a case by case basis. Sensitive locations have
already been identified for attention during construction. Only two trees are identified at this
time to be removed; both are on Douglas Way. Other trees and sensitive areas close to the pipeline route will receive protective fencing. A certified arborist will be on site to prevent tree damage when trenching might directly impact adjacent tree roots. If neighbors have constructed landscape or hard-scape within the public right of way and want to know whether they will be impacted, they should call the project phone number or inquire on the project website.

**Will home owners have the opportunity to work with the contractor to also pave resident driveways?**

The Partnership wishes to keep its contractors focused and on schedule and that does not include other side work. Occasionally residents directly contact contractors doing the work on their own, but this is not affiliated with or directed by the Partnership’s project.

**Will water service or street access be interrupted? How will emergency vehicles get through?**

*There is a senior care home on Douglas Way that needs 24/7 access.*

Emery will be in direct contact with residents if an interruption in service is anticipated, but at this stage there are no planned interruptions. Emery will provide access for emergency service at all times. During construction, there are no limitations for size of emergency vehicles. Steel plates can be used to assure access over trenches.

**When will part of Iron Mtn. Blvd. be closed to through traffic? Will this only be during work hours, or 24 hours?**

Later Spring-Summer 2014. Traffic detours will be in place during daytime work hours.

**Will Evergreen Street receive a full width paving?**

Yes, Evergreen Street will be re-paved from shoulder to shoulder after construction.

**What is being done to keep the pipeline functioning in an earthquake?**

The pipeline design team has some of the best designers in the Pacific Northwest and nationally known specialists in pipeline earthquake forensics. Larger pipeline wall thickness and double welded joints inside and out were chosen to withstand the stresses due to an earthquake.

**What is the pipe made of?**

The pipe will be made of welded steel.

**How long does it take to weld the pipes together, inside and out?**

2-3 hours.

**What will be done to reduce garbage and waste at staging areas, particularly in Waluga Park?**

All work areas will be surrounded by fencing to help prevent public use and increased trash on site. The contractor is responsible for keeping all work areas clean and free of debris.

**Will the new pipeline increase noise at the existing pump station near Waluga Park?**

No, the larger pipeline and increased water flow through the pipe should not increase noise during operation. Any noise that is occurring now may be from a current pump. [A project representative offered to investigate this after the meeting.]
Attendees were again reminded to sign up to receive project updates and asked to take a project card with the phone number of the Project Hotline. Project Team members were available after the meeting for additional discussion with neighbors.